

*SPECIFICATION AMENDMENTS*

Replace the paragraph beginning at page 1, line 5 with:

The present invention relates to an active ~~type~~ distance measuring device suitably used for cameras or the like.

Replace paragraph [0001] with:

[0001] Conventionally, as an active ~~type~~ distance measuring device for cameras, a distance measuring device disclosed in Japanese Unexamined Patent Application Publication No. H-10-281756 is known. That is, when an output ratio signal is converted in a CPU into an distance signal corresponding to the distance ~~in CPU~~, in the case where the output ratio signal is at the nearer-side ~~than~~ of a clamping effect Y/N determination reference level, which is defined based on the reference object reflectance, the output ratio signal is converted in accordance with a first conversion expression. While, in the case where the output ratio signal is not at the nearer-side ~~than~~ of a clamping effect Y/N determination reference level, the output ratio signal is converted in accordance with any one of ~~the~~ a first conversion expression and a second conversion expression corresponding to the luminance of the outside light. In the above distance measuring device, when converting the AF signal value into a distance signal value, it is arranged so that, in the case where the AF signal value is at the long-range side more than ~~a~~ predetermined threshold value, every signal at the long-range side than that is converted into ~~a~~ an infinity signal value corresponding to a predetermined infinity setting value. Owing to this, ~~when an object to be measured is at so a long range~~ resulting results in a faint AF signal value; and thus even when the component of noise is not negligible, a precise measurement can be obtained.

Replace the heading at page 2, line 26 with:

SUMMARY OF THE INVENTION

At page 6, between lines 25 and 26, insert:

SUMMARY OF THE INVENTION